Q.1

435

Q.2

Yes

Q.3

Whether it increases the timeout depends on the deviation.

Q.4

smoothedRTT: 100ms

devRTT: 8ms

sampleRTT: 108ms

new smoothRTT: (1 - 0.125) \* 100 + 0.125 \* 108 = 101ms

new devRTT: (1 - 0.25) \* 8 + 0.25 \* (108 - 101) = 7.75ms

timeout = 101 + 4 \* 7.75 = 132ms

Q.5

Flow Control

Q.6

1.5RTT

Q.7

Per-byte sequence and ack numbers.

Q.8

True

Q.9

HTTP

TFTP

FTP

Q.10

0.8 seconds

Q.11

4 seconds

Q.12

40 pkts/s